

METHOD FOR PRODUCING A TRANSDUCER

SLIDER WITH TAPERED EDGES

ABSTRACT OF THE DISCLOSURE

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10 The invention relates to a method for producing a transducer slider. the present invention relates to a method for producing a transducer slider. The method involves first coating a substrate with a radiation-sensitive layer and exposing the radiation-sensitive layer to radiation according to an intensity pattern. Preferably, the intensity pattern is provided using a grayscale mask. Once the image is developed into the radiation-sensitive layer, the image is

15 transferred into the substrate to form a transducer slider having a surface profile comprising a tapered edge. In the alternative or in addition, the surface profile may comprise a rounded corner. The invention also relates to a structure for forming a transducer slider.